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Dated: May 2, 2007

Signature:

(Rebecca Butler Guinan)

Docket No.: 68349-00026USPX  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jordi Soler Castany et al.

Application No.: 10/587,119

Confirmation No.: 3122

Filed: August 29, 2006

Art Unit: 2821

For: MULTI-BAND MONOPOLE ANTENNAS  
FOR MOBILE NETWORK  
COMMUNICATION DEVICES

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08 (facsimile). It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2). Applicant submits herewith copies of any cited non-patent documents and foreign patent documents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing

of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

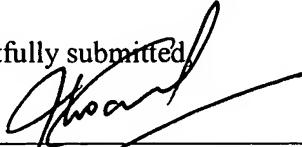
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 23-2426, under Order No. 68349-00026USPX. A duplicate copy of this paper is enclosed.

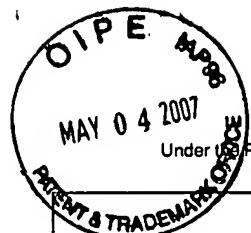
Dated: May 2, 2007

Respectfully submitted,

By \_\_\_\_\_

  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number	10587119
Filing Date	08-29-2006
First Named Inventor	JORDI SOLER CASTANY
Art Unit	2821
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	68349-00026USPX

### U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6963310	B2	2005-11-08	HORITA	

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### U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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### FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T5
	1	01/26182	WO	A1	2001-04-01	SMARTEQ WIRELESS AB		<input type="checkbox"/>
	2	2416437	CA	A1	2002-01-17	IN4TEL LTD IL		<input type="checkbox"/>

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### NON-PATENT LITERATURE DOCUMENTS

**INFORMATION DISCLOSURE  
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Application Number	
Filing Date	
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Art Unit	
Examiner Name	
Attorney Docket Number	

Examiner Initials*	Document No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	NING HUA ZHU et al, New algorithms of the TSM and Tom methods for calibrating microwave test fixtures, Microwaves and optical technology letters, july 2002, vol. 34, num 1	<input type="checkbox"/>
	2	HAO CHUN TUNG et al, Printed dual- band monopole antenna for 2.4/5.2 GHz Wlang access point, Microwaves and optical technology letters, novembre 2002, vol.35 , num 4	<input type="checkbox"/>
	3	CHIH-MING SU et al, Dual-band slot for 2.4/5.2 GHz wlang operation,Microwaves and optical technology letters, novembre 2002, vol. 35, num 4	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.